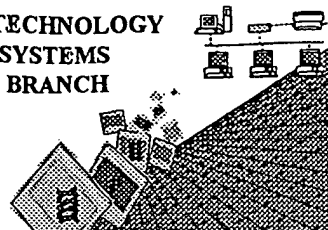


5. Weber



BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/302,195B
Source: 1600 RUSH
Date Processed by STIC: 7/30/2002

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THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 09/302,195B
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 _____ Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 _____ Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 _____ Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4 _____ Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 _____ Variable Length	Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 _____ PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 _____ Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 _____ Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 _____ Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10 _____ Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11 _____ Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 _____ PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 _____ Misuse of n	n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.	



1600

RAW SEQUENCE LISTING

DATE: 07/30/2002

PATENT APPLICATION: US/09/302,195B

TIME: 14:11:21

Input Set : A:\26046400.ST25.txt

Output Set: N:\CRF3\07302002\I302195B.raw

Does Not Comply
Corrected Diskette Needed

pp 1-3

3 <110> APPLICANT: Marchant, Roger E.
4 Qiu, Yongxing
5 Ruegsegger, Mark A.
7 <120> TITLE OF INVENTION: Surfactants That Mimic The Glycocalyx
9 <130> FILE REFERENCE: 26046/04000
11 <140> CURRENT APPLICATION NUMBER: 09/302,195B
12 <141> CURRENT FILING DATE: 1999-04-29
14 <160> NUMBER OF SEQ ID NOS: 10
16 <170> SOFTWARE: PatentIn version 3.1
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 3
20 <212> TYPE: PRT
C--> 21 <213> ORGANISM: Artificial/Unknown
23 <220> FEATURE:
24 <221> NAME/KEY: PEPTIDE
25 <222> LOCATION: (1)..(3)
26 <223> OTHER INFORMATION: Synthesized with a peptide synthesizer
29 <400> SEQUENCE: 1
31 Arg Gly Asp
32 1
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 4
37 <212> TYPE: PRT
C--> 38 <213> ORGANISM: Artificial/Unknown
40 <220> FEATURE:
41 <221> NAME/KEY: PEPTIDE
42 <222> LOCATION: (1)..(4)
43 <223> OTHER INFORMATION: Synthesized with a peptide synthesizer
46 <400> SEQUENCE: 2
48 Arg Gly Asp Ser
49 1
52 <210> SEQ ID NO: 3
53 <211> LENGTH: 5
54 <212> TYPE: PRT
C--> 55 <213> ORGANISM: Artificial/Unknown
57 <220> FEATURE:
58 <221> NAME/KEY: PEPTIDE
59 <222> LOCATION: (1)..(5)
60 <223> OTHER INFORMATION: Synthesized with a peptide synthesizer
63 <400> SEQUENCE: 3
65 Arg Gly Asp Ser Pro
66 1 5
69 <210> SEQ ID NO: 4

global
invalid response, per 1.823 d
Sequence Rules
(see item 10
on Error Summary
Sheet)

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/302,195B

DATE: 07/30/2002
TIME: 14:11:21

Input Set : A:\26046400.ST25.txt
Output Set : N:\CRF3\07302002\I302195B.raw

70 <211> LENGTH: 4
71 <212> TYPE: PRT
C--> 72 <213> ORGANISM: Artificial/Unknown
74 <220> FEATURE:
75 <221> NAME/KEY: PEPTIDE
76 <222> LOCATION: (1)..(4)
77 <223> OTHER INFORMATION: Synthesized with a peptide synthesizer
80 <400> SEQUENCE: 4
82 Arg Arg Ala Arg
83 1
86 <210> SEQ ID NO: 5
87 <211> LENGTH: 6
88 <212> TYPE: PRT
C--> 89 <213> ORGANISM: Artificial/Unknown
91 <220> FEATURE:
92 <221> NAME/KEY: PEPTIDE
93 <222> LOCATION: (1)..(6)
94 <223> OTHER INFORMATION: Synthesized with a peptide synthesizer
97 <400> SEQUENCE: 5
99 Arg Arg Arg Lys Arg Arg
100 1 5
103 <210> SEQ ID NO: 6
104 <211> LENGTH: 6
105 <212> TYPE: PRT
C--> 106 <213> ORGANISM: Artificial/Unknown
108 <220> FEATURE:
109 <221> NAME/KEY: PEPTIDE
110 <222> LOCATION: (1)..(8)
111 <223> OTHER INFORMATION: Synthesized with a peptide synthesizer
114 <400> SEQUENCE: 6
116 Pro Pro Arg Arg Ala Arg Val Thr
117 1 5
120 <210> SEQ ID NO: 7
121 <211> LENGTH: 11
122 <212> TYPE: PRT
C--> 123 <213> ORGANISM: Artificial/Unknown
125 <220> FEATURE:
126 <221> NAME/KEY: PEPTIDE
127 <222> LOCATION: (1)..(11)
128 <223> OTHER INFORMATION: Synthesized with a peptide synthesizer
131 <400> SEQUENCE: 7
133 Pro Pro Arg Glu Val Val Pro Arg Pro Arg Pro
134 1 5 10
137 <210> SEQ ID NO: 8
138 <211> LENGTH: 11
139 <212> TYPE: PRT
C--> 140 <213> ORGANISM: Artificial/Unknown
142 <220> FEATURE:
143 <221> NAME/KEY: PEPTIDE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/302,195B

DATE: 07/30/2002
TIME: 14:11:21

Input Set : A:\26046400.ST25.txt
Output Set: N:\CRF3\07302002\I302195B.raw

144 <222> LOCATION: (1)..(11)
145 <223> OTHER INFORMATION: Synthesized with a peptide synthesizer
148 <220> FEATURE:
149 <221> NAME/KEY: MISC_FEATURE
150 <222> LOCATION: (11)..(11)
151 <223> OTHER INFORMATION: X = alanine or another hydrophobic amino acid residue
154 <400> SEQUENCE: 8
OK-> 156 Gly Ser Ser Ser Gly Arg Gly Asp Ser Pro Xaa
157 1 5 10
160 <210> SEQ ID NO: 9
161 <211> LENGTH: 5
162 <212> TYPE: PRT
C--> 163 <213> ORGANISM: Artificial/Unknown
165 <220> FEATURE:
166 <221> NAME/KEY: PEPTIDE
167 <222> LOCATION: (1)..(5)
168 <223> OTHER INFORMATION: Synthesized with a peptide synthesizer
171 <400> SEQUENCE: 9
173 Arg Arg Lys Arg Arg
174 1 5
177 <210> SEQ ID NO: 10
178 <211> LENGTH: 10
179 <212> TYPE: PRT
C--> 180 <213> ORGANISM: Artificial/Unknown
182 <220> FEATURE:
183 <221> NAME/KEY: PEPTIDE
184 <222> LOCATION: (1)..(10)
185 <223> OTHER INFORMATION: Synthesized with a peptide synthesizer
188 <400> SEQUENCE: 10
190 Pro Pro Arg Glu Val Val Pro Arg Pro Arg
191 1 5 10

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/302,195B

DATE: 07/30/2002
TIME: 14:11:22

Input Set : A:\26046400.ST25.txt
Output Set: N:\CRF3\07302002\I302195B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:8; Xaa Pos. 11